

(FDD 19628)

Tasks and Basic Research Trends of the Botanical
Institute imeni V. L. Komarov, Academy of Sciences,
USSR, by V. F. Kuprevich, 9 pp.

RUSSIAN, bizo per, Botan Zhur, Vol XXXVI, No 5,
Moscow Leningrad, Sep Oct 1951, pp 562-564.

CIA FDD U-5475

USSR

10,753

Sci - Biology, institutes

Feb 54

Specialization of Crown Rust of Oats, by
B. P. Shumilanko.

RUSSIAN, per, Bot Zhur, Vol XXXVI, Nov/Dec 1951,
pp 636-642. 451 R923

USDA Trans 293

USSR

Economic - Agriculture, diseases
Scientific - Biology, diseases

565

Specialization of Crown Rust of Oats, by
S. P. Shumilanko.

RUSSIAN, per, Bot Zhur. Vol XXXVI, Nov/Dec 1951,
pp 636-642. 451 R923

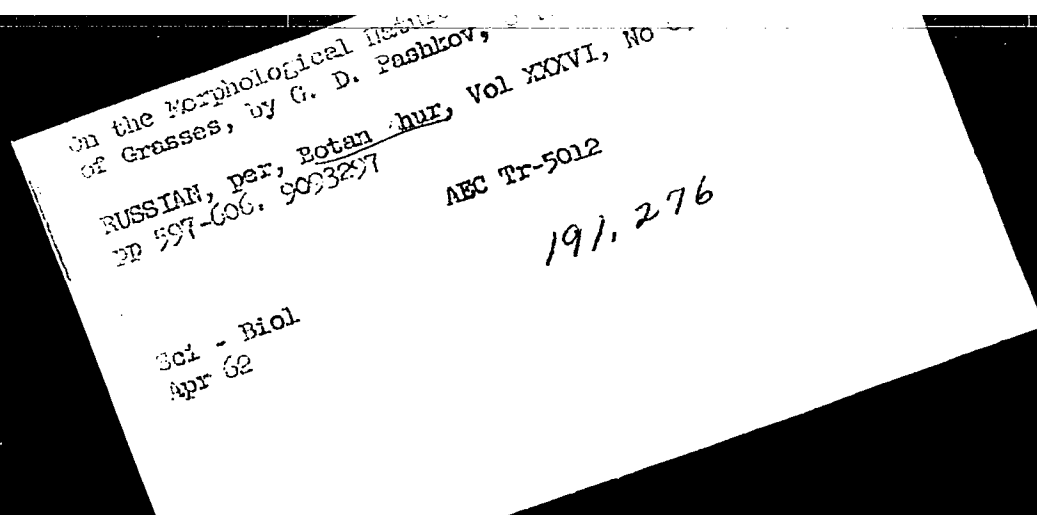
USDA Trans 293

USSR

Economic - Agriculture, diseases

Scientific - Biology, diseases

565



Problems of Soviet Plant Physiology in Connection
With the Problem of Irrigation of Agricultural
Crops, by N. A. Maksimov

RUSSIAN, per, Bot Zhur, Vol XXXVII, Jan/Feb 1952,
pp 5-18. 451 R923.

83

USDA

6348

Scientific - Biology
CTS/DEX

The Movement of Organic Substances in Plants,
by A. L. Kursanov, 13 pp.

RUSSIAN, bimo per, Botan Zhur, Vol XXXVII, No 5,
1952, pp 585-593.

Sci Tr Center
RT-2266

Scientific - Biology
CTS 70/Jul 55

25,211

Microflora of the Shelterbelt Plantings in
the Left-Coastal Steppe and Forest-Steppe of
Ukrainian SSR, by S. F. Morochkovskiy,
RUSSIAN, per, Botanicheskiy Zhurnal, Vol X,
No 4, 1953, pp 57-65.

*CSTI TT 67-51319

Sci-Agr
Dec 66

Unsound criticism of T. D. Lysenko's work on Speciation-
[formation] by N. V. Turbin and N. D. Ivanov

RUSSIAN, ZEM. Bot Zhur. No 38, May/June 1953,
pp 386-388

USDA

10,590

Sci - Biology
CTS/DEX

Grassing the Tundra, by A. V. Pryanishnikov.

RUSSIAN, per, Botan Zhur, Vol XXXIX, 1954, pp 48-57.

UKSM GB 146

Sci - Biology
Mar 58

60,013

Biology and Morphology of Hordoum L. Species, by
F. Kh. Bakhteyev.
RUSSIAN, per, Botan Zhur, Vol XXXIX, 1954,
pp 112-118.
MU/T 524

Sci - Biol/Med
Apr 64

254,569

Dissemination of Distorted Ideas on Darwinism in
Secondary Schools, by A. K. Efikhin.

RUSSIAN, per, Bot Zhur, Vol XXXIX, Moscow, 1954,
pp 122-125. CIA D 472249

USDA

Scientific - Biological
May 56 GIB/dex

34,197

Il'in, M. M.
INDIGENOUS VEGETABLE RAW MATERIALS AND
THE PROBLEM OF RAISING PRODUCTION TO
MEET THE NEEDS OF THE PEOPLE (Otechestven-
noye Rastitel'noye Syr'ye i Zadacha Prolzvodstva Pre-
dmetov Narodnogo Potrebleniya). Nov (O [4]p.
RTS 1677.

Order from I.C or S.LA ml\$1.80, ph\$1.80 61-15003

Partial trans. (p. 181-183) of Botanicheskiy Zhurnal
(USSR) 1954, v. 39, no. 2, p. 180-186.

The raw materials in question are certain alkaloids
and volatile oils.

(Agriculture--Plant Cultivation, TT, v. 5, no. 4)

61-15003

1. Oils--Sources
2. Alkaloids--Sources
3. Plants--USSR
1. Il'in, M. M.
- II. RTS-1677
- III. Department of Scientific
and Industrial Research
(Gt. Brit.)

143,319

Office of Technical Services

Vasil'chenko, I. T.
WILD PLANTS OF THE USSR AND THEIR POTENTIAL
USE FOR SELECTION AND EXPERIMENTAL
CULTIVATION (Dikorastushchaya Flora SSSR kak
Iskhodnyy Material dlya Selektii i Opytnoy Kultury).
Jan 61 [16]p. 11 refs. RTS 1678.
Order from LC or SLA mi\$2.40, pb\$3.30 61-15383

Trans. of Botanicheskii Zhurnal (USSR) 1954, v. 39,
no. 3, p. 317-325.

151644

(Biological Sciences--Botany, TT, v. 5, no. 8)

61-15383

- I. Plants--USSR
1. Vasil'chenko, I. T.
- II. RTS-1678
- III. Department of Scientific
and Industrial Research
(Gt. Brit.)

Office of Technical Services

Synthesis and Accumulation of Sucrose by the
Sugar Beet, by A. L. Kursanov, 9 pp.
RUSSIAN, per, Botanicheskii Zhurnal, Vol XXXIX,
No 4, 1954, pp ~~252-257~~ ~~9221975~~: 482-487. 9221975
OTS 63-11014
PL-480

Sci - Agri
May 64

257,687

Conversion of Winter Cereals Into Spring
Cereals and Spring Into Winter Cereals in the
Light of C. Darwin's Teaching, by V. V.
Skripchinskiy.

RUSSIAN, bimo per, Botan Zhur, Vol XL, No 1,
Jan/Feb 1955, pp 64-90. CIA D 507520

USDA 36,196

USBR

Econ - Agriculture

Sci - Biology

Jun 56 CTE/dax

Secondary Growth and Secondary Flowering of
Persian Walnut, by F. L. Shchepot'ev, 15 pp.
RUSSIAN, per, Botanicheskii Zhurnal, Vol 40,
No 1, 1955, pp 116-125.
CESTI TT 67-51316

Sci-B and H
Mar 68

351,972

Letters to the Editor of the "Botanical
Journal", by F. Kh. Bakhteev.

RUSSIAN, bimo per, Botan Zhuz, Vol XL,
No 1, Jan/Feb 1955, pp 155, 156. CIA D 507519

USDA

Scientific - Biology

36,192

Jun 56 CTS/dex

Letters to the Editor of the "Botanical Journal",
by E. Malinovsky.

RUSSIAN, bimo per, Botan. Zhur., Vol XI, No 1,
Jan/Feb 1955, pp 156, 157. CIA D 507518

USDA

Scientific - Biology

36,198

Jun 56 CTB/dax

Review by Yu. L. Goroshchenko of the article,
"To the Problem of Genetic Importance of Grafting
Between Genotypically Different Plants", by
Helmut Böhm.

RUSSIAN, bimo per, Botan Zhur, Vol XL, No 4, May/Jun 1955,
pp 434-437 (as appeared in Zeitschrift für
Pflanzenzüchtung, Vol XXXIII, No 4, 1954,
pp 367-418). CIA D 507525

USDA

Scientific - Biology

36,182

Jun 56 CTS/aex

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

The Problem of Hybrid Corn (Basic Problems and
Methods of Solving Them), by P. A. Bap̄anov, N. P.
Subinin, M. I. Khadz̄hinov.

RUSSIAN, per, Bot Zhur. ^{Vol} 40, Moscow, ~~195~~ Jul/Aug 1955,
pp 461-507. CIA D 472247

USDA

Scientific - Biological
May 56 CTS/dex

34,202

Francis A. G. Smith

The Problem of the Compass of the Species
in Higher Plants, by V. Bochantsev,
S. Lipshits.

RUSSIAN, per, Botan Zhur, Vol XL,
No 4, 1955, pp 542-~~55~~557.

CSIRO 3556

Sci - Biol

Feb 62

186.568

On the question of the genesis of the meadow
flora and vegetation of the South-east of the
European plain, by F. Levina, 17 pp.

RUSSIAN, per, Botan Zhur, 40, no. 4, p 587-92, 1955.

SLA R-3648

Sci

Aug 59

94, 439

New Data on the Problem of Vegetative
Hybridization, by D. V. Lebedev.

RUSSIAN, bino per, Botan Zhur, Vol. XL, No 4,
Jul/Aug 1955, pp 603, 604. CIA D 507513

USDA

USSR
Econ - Agriculture
Sci - Biology

Jun 56 CTS/dex

36,197

Methodology of the Study of the Biology
of Plant Roots, by G. M. Dobrynin.

RUSSIAN, per, Botan Zhur, Vol XL, No 5,
1955, pp 696-702.

CSIRO-3432

Sci

OTS 62-10744

Aug 58

72,087

Volkov, S. A.
EDIBLE HONEYSUCKLE (*LONICERA EDULIS* L.)
(Zhurnal' Syedobnaya). Feb 61 [3]p. RTS 1693.
Order from LC or SLA m1\$1.80, ph\$1.80 61-15927

Trans. of *Botanicheskii Zhurnal* (USSR) 1955, v. 40,
no. 5, p. 727-728.

151993

(Biological Sciences--Botany, TT, v. 5, no. 9)

61-15927

1. Plants--Ecology
2. Food--Sources
3. Title: Honeysuckle
4. Title: Lonicera
1. Volkov, S. A.
- II. RTS-1693
- III. Department of Scientific
and Industrial Research
(Gr. Brit.)

Office of Technical Services

THE ANATOMICAL STRUCTURES OF WOOD IN THE SPECIES
of the Genus Larix in Relation to Their Systematical
Classification, by M. V. Budkevich, 25 pp.

RUSSIAN, per, Botan Zhur, Vol XLI, No 1, 1956,
pp 64-80. 9076591

OTS 60-51182
PL-480

Sci - Biol
May 61
PST No. 169/1

152, 294

Systems of Botanical Investigations, by A. E.
Maurin', I. A. Kaurrov, 7 pp.

RUSSIAN, per, Botan Zhur, Vol XLI, No 1, 1956,
pp 81-84. 9076589

OTS 60-51182⁵
PL-480

Sci - Biol
May 61
PST No. 169/2

152, 396

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

About the Variability of Species of Rust in
Grain Crops, by P. N. Golovin.

RUSSIAN, per, Botan Zhur. Vol XLI, No 1, Jan
1956, pp 106-108. CIA D 9008119

USDA

ESSR - Economic

45,279

Mar 57 CTS/dex

(Sov. Union)

The Importance of World Collections at the All-Union Institute of Plant Growing in General and Special Problems of Selection, by P. M. Zhurkovskiy, 25 pp.

RUSSIAN, no per Botan Zhur, Vol XII, No 2, Leningrad, Feb 1956, pp 161-171.

CIA/TDD.U-8552

58,111

USSR

Sci - Biology

DISCUSSION ON THE BASIC CONCEPTIONS OF GENETICS,
by V. L. Arshinov, 30 pp.

RUSSIAN, no par, ~~1955~~, Vol. XII, No. 1,
Leningrad, Feb 1956, pp 193-205.

CIA/EDD U-8553

38, 110

USER

Inf - Biology .

Regularities of the Intraspecies Interrelations
in Young Pine, fir and Spruce, by N. M.
Gorshenin.

RUSSIAN, per, Botan Zhur, Vol XII, No 2,
1956, pp 221-229.

CSIRO

Sci - Biol
Apr 62

190,452

Discussion of General Biological Problems in Poland,
by I. V. Gudovshchikova, D. V. Lebedev.

RUSSIAN, per, Botan Zhur, Vol XII, No 3, Mar 1956,
pp 445-449. CIA D 9008116

USIA

Sci - Biology

45, 280

Mar 57 CTS/dex

Mycoflora of Books and Papers, by Yu. P. Ryuksha,
27 pp.

RUSSIAN, per, Botanicheskiy Zhur, Vol XLI, No 6,
1956, pp 797-809.

SIA 59-10867

SIA 59-10244

not Rec Covered T1 782

Sci - Biol

Sep 59

Vol 2, No 2

97,945

Biology of the Badkhyz Aremisic and Results
Obtained With Its Cultivation, by N. Kechayeva,
IX Peiknod'ko, 8.

RUSSIAN, per, Botan Zhur, Vol. XLI, No 6,
1956, pp 836-854.

CSIRO 3638

Sci - Biol

192, 089

Apr 62

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

Adventitious Roots and the Root System
of Pinus Sibirica in the Central Sayan
Mountains, by P. K. Krasilnikov.

RUSSIAN, per, Botan Zhur, Vol XLI,
No 8, 1956, pp 1194-1206.

CSIRO

207,442

Sci - Biol
Jul 62

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

OVERVIEWING OF BEAN ROST UNDER GROWTH OF THE
STANDARD CROPS, BY N. N. GORODKOV.

File 12

RUSSIAN, Sov. Trudovikskiy Zhurnal, Vol. 1957, No. 2,
Jan 1957, pp 9-97. Old 901517

WETA

WETA

Bean - Agriculture

Nov 57

The Scientific Separation of The Tien Shan Fir,
by A. E. Macenko.

RUSSIAN, per, Botan Zhur, Vol XLI, 1956, pp 1504-1509.

*PL-480

CT S L 50-400021p

Sci-Agr
April 64

A Few Observations on Land Plants Subjects to
Excessive Subsoil Moisture and Periodic
Flooding in the Rybinsk Reservoir Area,
by V. N. Makarevich.

RUSSIAN, per, Botan Zhur, Vol XLI, No 11,
1956, pp 1647-1652.

CSIRO 3775

Sci - Biol
Aug 62

207, 238

Romashov, N. V.

LAWS GOVERNING FRUITING IN OAK (Zakonomenosti Plodonosheniya Duba). [Dec 6:] 17p. 21 refs. PL-480 Agr.

Order from OTS \$0.50

60-51001

Trans. of Botanicheskii Zhurnal (USSR) 1957, v. 42, no. 1, p. 41-56.

DESCRIPTORS: *Trees, Reproduction, Mitosis, *Pollen, Growth, *Seeds, Forestry.

A thick undergrowth is an important factor in reducing the quantities of acorn pests in the plantations, and the introduction of various kinds of underbrush among the oak cultures is indispensable. The formation, by thinning, of stands and groups of simultaneously blossoming oaks (within which trees with only 3 to 5 days discrepancy in their time of leaf-unfolding are left) will (Agriculture--Plant Cultivation, TT, v. 7, no. 4)(over)

60-51001

I. Romashov, N. V.
II. PL-480 Agr (60-51001)
III. National Science Foundation,
Washington, D. C.

1218725

Office of Technical Services

The Influence of Fertilizers on the Growth and
Development of Larch Seedlings, by L. I. Kurakina.

RUSSIAN, per, Bot Z., Vol XLII, No 1, 1957,
pp 68-72.

*OTS 63-11188
PL-480
PST 690

Sci - Biol
Jul 63

61-15928

Bondarenko, I. V.
THE DISTRIBUTION AND GROWTH OF WILD PER-
SIMMON IN CENTRAL ASIA (Preizrastaniye Dikey
Khurmy v Sredney Azii). Feb 61 [9]p. 16 refs.
RTS 1694.

Order from LC or SLA m\$1.80, ph\$1.80 61-15928

Trans. of Botanicheskii Zhurnal (USSR) 1957, v. 42,
no. 1, p. 72-78.

151695

- I. Fruits--USSR
2. Title: Persimmon
- I. Bondarenko, I. V.
- II. RTS-1694
- III. Department of Scientific
and Industrial Research
(G. Brit.)

Office of Technical Services

(Agriculture--Plant Cultivation, TT, v. 5, no. 8)

POLLEN VIABILITY OF FAR EASTERN TREE SPECIES
IN THE COURSE OF A DAY, BY I. A. KAUROV,
6 PP.

RUSSIAN, BOTAN ZHUR, VOL XXXXI, NO 2, 1957,
PP 276-280. 9082291

OTS-60-51000
PL-480

SCI-BIOL

NOV 61

172,409

PST-368

2

Belov, S. V.,

Artsbashev, E. S.

Investigation of sunlight reflection by the
foliage of certain trees (Issuchenie otrazhatelnoi
sposobnosti drevesnykh povod). --- Botani-
chichasky Zhurnal 42, no. 4, p. 517-534, 1957.
Moscow. In Russian.

* OTS - 60-2114

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

Anan'ev, A. R.
NEW FOSSIL PLANTS FROM THE LOWER DEVO-
NIAN DEPOSITS OF THE VILLAGE OF TORGASHINO,
SOUTH-EASTERN ZONE OF WESTERN SIBERIA.
[1961] 27p. (5 drawings 3 plates omitted) 12 refs.
Order from OTS or SLA \$2.60 61-19567

Trans. of Bot[anicheski] Zhurnal (USSR) 1957, v. 42,
no. 5, p. 691-702.

DESCRIPTORS: *Plants, *Paleoecology, Siberia,
Geology.

Data are presented on a number of species, which may
be used to determine the age of Torgashino fossil flora.
These species are as follows: *Jenisseiphyton lebedevii*
Ananiev, *J. rudnevae* (Pereavetov) Ananiev, *Angarol-*
aminariopsis zinovae nov. gen. et sp., *Zosterophyllum*
myretonianum Penh., *Protobarinophyton obrutschevii*
(Biological Sciences--Botany, TT, v. 7, no. 7) (over)

61-19567

I. Anan'ev, A. R.
II. Geological Survey of Canada

Office of Technical Services

Discontinuous and Continuous Areas Of Occurrence
by V. Vasil'ev.

RUSSIAN, per, Botanicheskii Zhurnal, Vol XII, 1957
No 5, pp 708-727.

CSIRO Tr 4095

Oct. 62

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

The Effect of Organic Acids and Their
Derivatives on the Structure of the Protoplasm,
by A. K. Belousova.

RUSSIAN, per, Botanicheskii Zhurnal, Vol XLII,
No 7, pp 1011-1034, 1957. 9096804

USDA TRR-1298

184,447

Sci - Med

Feb 62

Effect of Negative Turgor Pressure on the
Moisture-retaining Capacity of Leaves, by M.
Tyurina.

RUSSIAN, per, Botanicheskii Zhurnal, Vol 42,
1957, pp 1035-1043.
CSIRO/No. 7401

Sci -
Aug 67

335,761

Vaulina, Ye. N.
EFFECT OF COPPER ON SOIL ALGAE. [1960] [5]p.
6 refs.

Order from LC or SLA m\$1.80, ph\$1.80 61-10299

Trans. of Botanicheskii Zhurnal (USSR) 1957, v. 42,
p. 1097-1099.

143,181

61-10299

1. Algae--Biochemistry
2. Copper--Biochemical effects
3. Soils--Biochemistry
1. Vaulina, Ye. N.

Office of Technical Services

(Agriculture--Plant Cultivation, TT, v. 5, no. 4)

Observations on Absorbing Roots of Spruce (Picea
Excelsa Link) in Natural Conditions, by A. Ya.
Orlov, 16 pp.

RUSSIAN, par, Botan Zhur, SSSR, Vol XLII, No 8.
1957, pp 1172-1181.

OTS 60-21109
PL 480

Sci-Biol

Aug 60

123,735

Some Biological Features of *Prunus* Species of the
Subgenus *Padus*, by Ye. A. Selivanova-Gorodkova,
17 pp.
RUSSIAN, per, Botanicheskiy Zhurnal, Vol 42, No 8,
1957, pp 1258-1266.
NTIS TT 69-53018

Sci/B&M
Dec 70

The Principal Tasks of Botanical Research in USSR,
by V. N. Sukachev.

RUSSIAN, per, Botan Zhur, Vol XLII, No 11, 1957,
pp 1573-1595. CIA 9030428

USDA

Sci - Biol

Jul 58

67.116

An Attempt of Experimental Transformation of
Spring Cereals Into Winter Cereals, by V. A.
Borkovskaya.

RUSSIAN, per, Botan Zhur, Vol XLIII, No 1, 1958,
pp 50-60. CIA 9037527

USDA

Sci - Biology
Mar 59

83, 603

On the Vegetation of the Bald and Sub-Bald Belts
of the Bikin-Iman Water Divide, by A. F.
Pryalukhina, 6 pp.
RUSSIAN, per, Botanicheskii Zhurnal, Vol 43, No
1, 1958. pp 92-96.
CESTI TT 67-51334

Sci-Earth Sci
Apr 68

352,220

On the Status of Teaching Botany in Secondary
Schools, by F. Kh. Bakhteyev.

RUSSIAN, per, Botan Zhur, Vol XLIII, No 1, 1958;
pp 146-153. CIA 9037531

USDA

USSR
Soc - Teaching
Mar 59

83,604

Resolution on the Report of F. Kh. Bakhteyev "On
the Status of Teaching Botany in Secondary Schools".
Approved at the Plenary Session of the Second Dele-
gates Conference of the Botanical Society of the
USSR [VVO] on May 17, 1957.

RUSSIAN, per, Botan Zhur, Vol XLIII, No 1, 1958,
pp 153-155. CIA 9037532

USDA

USER
Soc - Education
Mar 59

83,601

Investigation of the Process of Fertilization
in Angiosperms in Vivo, by V. A. Poidubnaya-
Arnol'di.

RUSSIAN, per, Botan Zhur, Vol XLIII, No 2,
1950, pp 178-193. 9094826

USDA Tr A-1305

Sci - Biol

177,290

Dec 61

Investigations of the Increase of [Plant]
Cell-Resistance as a Reaction to High Temperature,
by V. Ya. Aleksandrov, N. L. Fel'dman.

RUSSIAN, per, Botan Zhur, Vol XLIII, No 2,
1958, pp 194-213. 9094827

USDA Tr A-1306

177,306

Sci - Biol

Dec 61

Investigations of the Increase Plant Cell-
Resistance as a Reaction to High Temperature, by
V. Ya. Aleksandrov, N. L. Fel'dman,

RUSSIAN, per, Botan Zhur, Vol XLIII, No 2, 1958,
pp 211-213.

*USDA

Sci -
14 Aug 61

Tikhomirov, B. A. DATA ON THE ECONOMIC PLANTS OF THE ESKIMOS OF THE SOUTH-EASTERN CHUKOTKA COAST (Dannyye o Poleznykh Rasteniyakh Eskimovoy Yugo-vostochnogo Poberezh'ya Chukotka) Nov 60 [11]p 29 refs. RTS 1679. Order from LC or SLA ml\$2.40, ph\$3.30 61-15004 Trans. of Botanicheskly Zhurnal (USSR) 1958, v. 43, no. 2, p. 242-246. 143,318	61-15004 I. Plants--Siberia 2. Diet--Siberia 3. Eskimos--Nutrition I. Tikhomirov, B. A. II. RTS-1679 III. Department of Scientific and Industrial Research (Gt. Brit.)
(Biological Sciences--Botany, TT, v. 5, no. 4)	Office of Technical Services

Microevolution. Elementary Phenomena, Material and
Factors of the Microevolutionary Process¹, by N. V.
Timofeyev-Pasovskiy.

RUSSIAN, per, Botan Zhur, Vol XLIII, No 3, 1958,
pp 317-336. CIA 9037534

USDA

Sci - Biology
Mar 59

83,618

Cathaya Chun et Kuang, A New Genus of Pinaceae From
Southern and Western China, by W. Y. Chun, K. Z. Kuang

RUSSIAN, per, Botan Zhur, Vol XLIII, No 4, 1958,
pp 461-470.

*PL-480

Sci-Biol & Med Sci
April 64

(1869-II)

The Creative Path of Vladimir Andreyevich
Dubynskiy, by V.M. Varitsava, 12 pp

RUSSIAN, per, Botanicheskiy Zhurnal, No 4, 1958,
pp 612-617.

JPRS L-678-II

USSR
Bio
Mar 59

82,637

The Biology of Germination of Ash Tree Seeds
(*Fraxinus*) and Its Bearing on the Taxonomic
Position and Distribution of Its Species, by
M. G. Nikolayeva, 10 pp.

RUSSIAN, per, Botanicheskiy Zhurnal, Vol XLIII,
No 5, 1958, pp 679-683.

OTS 60-51071
PL-480

Sci - Biol
Feb 61
PST No. 179

140, 171

Translocation of Mineral Nutrients Between
Plants Due to Interaction of Their Root Systems,
by I. N. Rakhtenko,
RUSSIAN, per, Botanicheskiy Zhurnal, Vol XLIII,
No 5, 1958, pp 695-701.
CFSTI TT 66-51102

Sci-Agri
Feb 67

319,013

Cluster Sowings of Tree Species and the Growing-
Together of Their ~~in~~ Roots, by V. Ya. Koldanov.

RUSSIAN, per, Botan Zhur, Vol XLIII, No 5,
1953, pp 713-720.

NIL M. 4863

Sci. - Biol

Aug 62

207,382

A Study of the Influence of Trace Elements on the
Distribution of Sugars in the Different Organs
of Fragaria Using Paper Chromatography, by
R. A. Asimov. UNCL

RUSSIAN, par, Botan Zhur, Vol XLIII, No 6, 1958,
pp 831-836.

DSIR LLU RDS 1342

(158.01.)
Library

Sol - Biol

Mar 60

111,092

The Anatomy of Root Tips of Adult Pine and the
Formation of Mycorrhizae, by R. K. Salyaev, 9 pp.
RUSSIAN, paper, Botanicheski Zhurnal, Vol XLIII,
No 6, 1958, pp 869-876.
OTS 63-11006
PL-480

Sci - Agri
Jun 64

260,401

Sensitivity of Diploid and Autotetraploid Plants to
Gamma-Radiation, by V. Menmurova, V. V. Sakharov,
V. V. Khvostova.

RUSSIAN, per, Botan Zhur, Vol XLIII, No 7, 1958,
pp 989-997. CIA 9035541

USDA

Sci - Biology
Feb 59

81,227

Recent Trends in Palynology. Review of Article by
K. Faegri in Botanical Review, U.S.A., by
R. V. Fedorova. UNCL

RUSSIAN, per, Botan Zhur, Vol XLIII, No 7, 1958,
pp 1054-1056.

DSIR LLU RTS 1122
7a. 6a.

Sci - Biol, botany
Sep59

95,854

Principal Factors of the Natural Mutation Process,
by N. Dubinin.

RUSSIAN, per, Botan Zhur, Vol XLIII, No 8, 1958,
pp 1093-1107. CIA 9042510

USDA

Sci - Biology
Sep 59

97,470

On Some Problems of Soviet Biology. [Regarding
the Article "For Materialism in Biology" (1),
by T. D. Lyenko.

RUSSIAN, per, Botan Zhur, Vol XLIII, No 8, 1958,
pp 1135-1145. CIA 9042509

USDA

Sci - Biology
Sep 59

97,471

NOVEL METHODS OF INVESTIGATING THE DYNAMICS
OF SEED PRODUCTION IN CONIFERS, BY P. L.
GORCHAKOVSKIY, 22 PP.

RUSSIAN, PER, BOTAN ZHUR, VOL XL111, NO 10,
1958, PP 1445-1459. 9082306

OTS 60-21882
PL-480

SCI - BIOL

NOV 61

PST 269

172,410

ARE THE PRECIPITATIONS INTERCEPTED BY THE
TREE CROWNS A LOSS TO THE FOREST, V. V.
RAKHMANOV, 6 PP.

RUSSIAN, PER, BOTAN ZHUR, VOL XXXXIII, 1954⁸
PP 1630-1633. 9082290

OTS 60-51005
PL-480

SCI - BIOL

NOV 61

PST 293

172,408

Conference on the Application of Mathematical Methods
in Biology, by R. L. Berg.

RUSSIAN, par, Botan Zhurn, Vol XLIII, No 11, 1958,
pp 1654-1657. ~~CIA 9040628~~

USBA

Sci - Biology
Jul 59

90,966

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

The Effect of Diatomaceous Plankton of Rivers
on Certain Chemical Indices of Water
Contamination, by M. H. Alimov, O. G. Mironov.
4 pp. USSR

RUSSIAN, per, Botanicheskii Zhurnal, Vol XLIII,
No 12, pp 1763-1765.

~~PSIA-LIN~~ Tr Bul May 1959

Sci - Biol
Jun 59

88,438

Gallic Acid and its Derivatives as New Anti-
biotics of Plant Origin, by H. P. Kiryalov, M. A.
Litvinov, V. O. Mokhnach, T. M. Naugol'naya.

RUSSIAN, per, Botan Zhur, Vol XLIV, No 1, 1959,
pp 101-104. CIA 9040615

USIA

Sci - Biology
Jul 59

90,972

Some Indicators of Ecological Adaptation of
Naturally Grown Eldaric Pine(Pinus Eldarica, MEDW),
by V. Ch. Tutayuk.

RUSSIAN, per, Botan Zhur, Vol XLIV, No 2, 1959,
pp 185-193.

*PL-480

OTS 65-50006

Sci-Agr
April 64

Veretennikov, A. V.

DEATH AND REGENERATION OF THE ROOT
SYSTEM OF PINUS SYLVESTRIS L. IN RELATION
TO CONDITIONS OF OXYGEN SUPPLY IN THE
ROOT ZONE (Otmiranie i Regeneratsiya Kornevoi
Sistemy Pinus Sylvestris L. v Zavisimosti ot Uslovii
Snabzheniya Korneobitaemogo Sloya Pochvy Kislorodom
Vozdukh). 1961, 10p. 13 refs. PL-480 Agr.
Order from OTS \$0.50

60-51022

Trans. of Botanicheskii Zhurnal (USSR) 1959, v. 44,
no. 2, p. 202-209.

DESCRIPTORS: *Pine, *Regeneration, Forestry, *Oxy-
gen consumption, Soils, *Water supplies, Tissues
(Biology), *Trees, Plants.

Temporary waterlogging of the soil, which is charac-
(Biological Sciences--Botany, TT, v. 7, no. 4) (over)

60-51022

I. Veretennikov, A. V.
II. PL-480 Agr (60-51022)
III. National Science Found-
ation, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300800054-8

Experimental Investigation of *Crambe Abyssinica*
Hochst. (Abyssinian Kale) - A New Oilseed Plant
in Leningrad Oblast, by A. E. Grashchenkov.

RUSSIAN, per, Botan Zhur, Vol XLIV, No 4, 1959,
pp 536-543.

DSIR LLU M.1770
(loan)

Sci - Biol

Oct 60

130,767

On the Study of Growth Substances - The Gibberellins,
by S. N. Litvinenko.

RUSSIAN, per, Botan Zhur, Vol XLIV, No 5, 1959,
pp 645-647. CIA 9047286

USDA

Sci - Biology
Mar 60

110,253

Factors Affecting the Increment of Tree Species in
Droughty Steppe, by E. N. Savin, 8 pp.
RUSSIAN, per, Botan Zhur, Vol XLIV, No 6,
1959, pp 854-860.
OTSH63-11009
PL-480

Sci - Agri
Jan 65

271,034